

THE EMBODIMENTS OF THE INVENTION IN WHICH AN EXCLUSIVE PROPERTY OR PRIVILEGE IS CLAIMED ARE DEFINED AS FOLLOWS:

1. A drill accessory for receipt in a drill chuck, said drill accessory comprising an elongate drive shaft having an implement receiving socket at one end thereof and a drive end for engaging a drill chuck at an opposite end, said tool further including an implement receiving collar about an intermediate portion of said drive shaft which allows rotation of said drive shaft without rotation of said implement receiving collar, said implement receiving collar having a plurality of implement receiving recesses for temporarily maintaining an implement in a storage position adjacent an in use position where an implement is received in said implement receiving socket of said drive shaft, each implement receiving recess locating an implement received therein to one side of said drive shaft and partially receiving each implement within said receiving collar.

2. A tool as claimed in claim 1 wherein each implement receiving recess is shaped to releasably maintain an implement and allow hand removal of said implement from said collar.

3. A tool as claimed in claim 2 including a plurality of implements each of which is receivable in any of said implement receiving recesses.

4. A tool as claimed in claim 3 wherein each implement includes a recessed groove intermediate the length of the implement for cooperating with a locking spring associated with said receiving socket of said drive shaft.

5. A tool as claimed in claim 4 wherein said implement receiving collar includes an outer hand grip

periphery to be gripped by a user to control the position of said drive shaft during rotation thereof.

6. A tool as claimed in claim 1 wherein each implement receiving recess has an associated implement receiving carrier releasably receiving an implement, each implement receiving carrier being movable from a storage position to where a received implement is stored in said recess to an in use position where an implement received in said implement carrier is aligned with said implement receiving socket of said drive shaft for receipt therein, each implement receiving carrier in said storage position locating an implement received therein to one side of said drive shaft and each implement receiving carrier in said in use position allowing drive shaft rotation of an implement received in said carrier without rotation of said implement receiving carrier.

7. A tool as claimed in claim 6 wherein each implement receiving carrier is pivotally secured to said implement receiving collar and is pivotally moved between said storage position and said in use position.

8. A tool as claimed in claim 7 including a plurality of implements each of which is receivable in any of said implement receiving carriers.

9. A tool as claimed in claim 8 wherein each implement includes a spring loaded cam means for releasable securement in any of said implement receiving carriers.

10. A tool as claimed in claim 9 wherein each implement received in any of said implement receiving carriers is slidably displaceable within the implement receiving carrier.

11. A tool for receipt in a drill chuck, said tool comprising an elongate drive shaft having an implement receiving socket at one end thereof and a drive end for engaging a drill chuck at an opposite end, said tool further including an implement receiving collar about an intermediate portion of said drive shaft which allows rotation of said drive shaft without rotation of said implement receiving collar, said implement receiving collar having at least 3 implement carriers movable from a storage position to an in use position which aligns an implement received in said implement carrier with said implement receiving socket of said drive shaft for receipt therein, each implement receiving carrier in said storage position locating an implement received therein to one side of said drive shaft and each implement receiving carrier in said in use position allowing rotation of an implement received therein and in engagement with said drive shaft socket to rotate with said drive shaft without rotation of said implement receiving carrier.

12. A tool as claimed in claim 11 wherein each implement receiving carrier is pivotally secured to said implement receiving collar and is pivotally moved between said storage position and said in use position.

13. A tool as claimed in claim 12 including a plurality of implements each of which is receivable in any of said implement receiving carriers.

14. A tool as claimed in claim 13 wherein each implement includes a spring loaded cam means for releasable securement in any of said implement receiving carriers.

15. A tool as claimed in claim 14 wherein each implement received in any of said implement receiving

carriers is slidably displaceable within the implement receiving carrier.

16. A tool as claimed in claim 15 wherein each implement receiving carrier has a distal end with an implement receiving port and a pivot securement end opposite said distal end, said pivot securement end being attached to said implement receiving collar.

17. A tool as claimed in claim 16 wherein each implement receiving carrier has an elongate shank connecting said distal end and said pivot securement end and said distal end has an outwardly extending flange which includes said implement receiving port.

18. A tool as claimed in claim 17 wherein outwardly extending flange in said in use position of said implement receiving carrier aligns said implement receiving port with said implement receiving socket of said drive shaft.

19. A tool as claimed in claim 18 wherein said outwardly extending flange of each implement receiving carrier in said storage position thereof positions said outwardly extending flange generally perpendicular to a side of said implement receiving collar and immediately adjacent thereto.

20. A tool as claimed in claim 11 wherein said implement receiving collar is longitudinally slidable on said elongate drive shaft between an implement retaining position and an implement release position, said implement receiving collar including an associated spring bias member for urging said implement receiving collar to said implement retaining position.

21. A tool as claimed in claim 20 including a spring biased latch which is received in a side port of said

drive shaft to partially protrude into said implement receiving socket and rotates with said drive shaft, said implement receiving collar cooperating with said implement receiving socket to retain said latch partially protruding into said implement receiving socket when said implement receiving collar is in said implement retaining position.

22. A tool as claimed in claim 21 wherein each implement includes a retaining groove at one end thereof for receiving said spring biased latch to releasably lock the implement when received in said drive shaft socket.

23. A tool as claimed in claim 22 wherein each implement inserted in said drive shaft socket cams said spring biased latch outwardly against the bias of said spring biased latch and locks said implement against withdrawal from said socket while said implement receiving collar is in said implement retaining position.

24. A tool as claimed in claim 11 including a spring biased latch associated with said implement receiving socket for releasably retaining an implement in said drive socket; said spring biased latch including a coil spring having a segment thereof displaceable into and out of said implement receiving socket to form a releasable latch with a retaining groove of an implement received in a drive position within said drive socket.

25. A tool as claimed in claim 24 wherein said spring biased latch is a two position latch, said two position latch having a first position retaining an implement received in said drive socket in a drive position and a second position where an implement is held in said drive socket in a manner to allow hand withdrawal of said implement from said drive socket.

26. A tool as claimed in claim 24 wherein said segment of said coil spring is an end segment which extends radially inwardly of the diameter of said coil spring.

27. A tool as claimed in claim 26 wherein said end segment is received in an angled groove of said drive socket and is biased to a retaining position extending into said drive socket and is displaceable to a release position by movement along said angled groove to a position releasing a implement received in said drive socket.

28. A tool as claimed in claim 26 wherein said end segment is an inwardly bent section which is received in a slot of said drive shaft and serves to retain said spring biased latch captured on said drive shaft.